11 Publication number:

0 121 737

A3

EUROPEAN PATENT APPLICATION

21 Application number: 84102227.0

(51) Int. Cl.4: F 02 M 27/08

(22) Date of filing: 02.03.84

30 Priority: 07.03.83 JP 35970/83

43 Date of publication of application: 17.10.84 Bulletin 84/42

(88) Date of deferred publication of search report: 30.04.86

Designated Contracting States:
 DE FR GB IT

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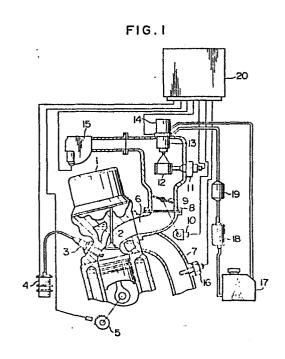
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(54) Fuel feeding apparatus.

(7) In a fuel feeding apparatus of the type in which a vibrating element (12) is vibrated by an electro-mechanical transducer (11) converting electrical oscillation into mechanical vibration, and fuel injected from a fuel feeding part (13) is directed to impinge against and atomized by the vibrating element, the frequency of the electrical oscillation applied to the transducer (11) is changed at a predetermined period to promote atomization of fuel.







EUROPEAN SEARCH REPORT

EP 84 10 2227

Category	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 2)	
A	DE-A-2 650 415	(TOYOTA) ne 18 - page 37,	1-4,7-	F 02 M F 02 D F 02 M F 23 D	27/08 5/02 69/04
A	DE-A-2 820 695 * page 35, li: line 10 *	- (TOYOTA) ne 21 - page 36,	7		
A	DE-A-2 827 322 * page 3, line 17 *	- (AUDI NSU) 5 - page 4, line	5-7	Ç	;; ;
A	US-A-4 167 158 * column 5, line *	(MARTIN et al.) s 19-34; figure 1	7,11	. •	er •
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 	The present search report has b	peen drawn up for all claims			•
Blace of search Date of completion of the search		NORDSTROEM U.L.N.			
ם: Y	CATEGORY OF CITED DOCL articularly relevant if taken alone articularly relevant if combined w ocument of the same category achnological background on-written disclosure	E : earlier par after the f vith another D : documen L : documen	tent document,	reasons	1, Or